

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006957.D
 Acq On : 06 Dec 2021 13:52
 Operator : SY/MD
 Sample : M4887-01
 Misc : 5.79g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX898

Quant Time: Dec 07 00:46:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 00:43:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

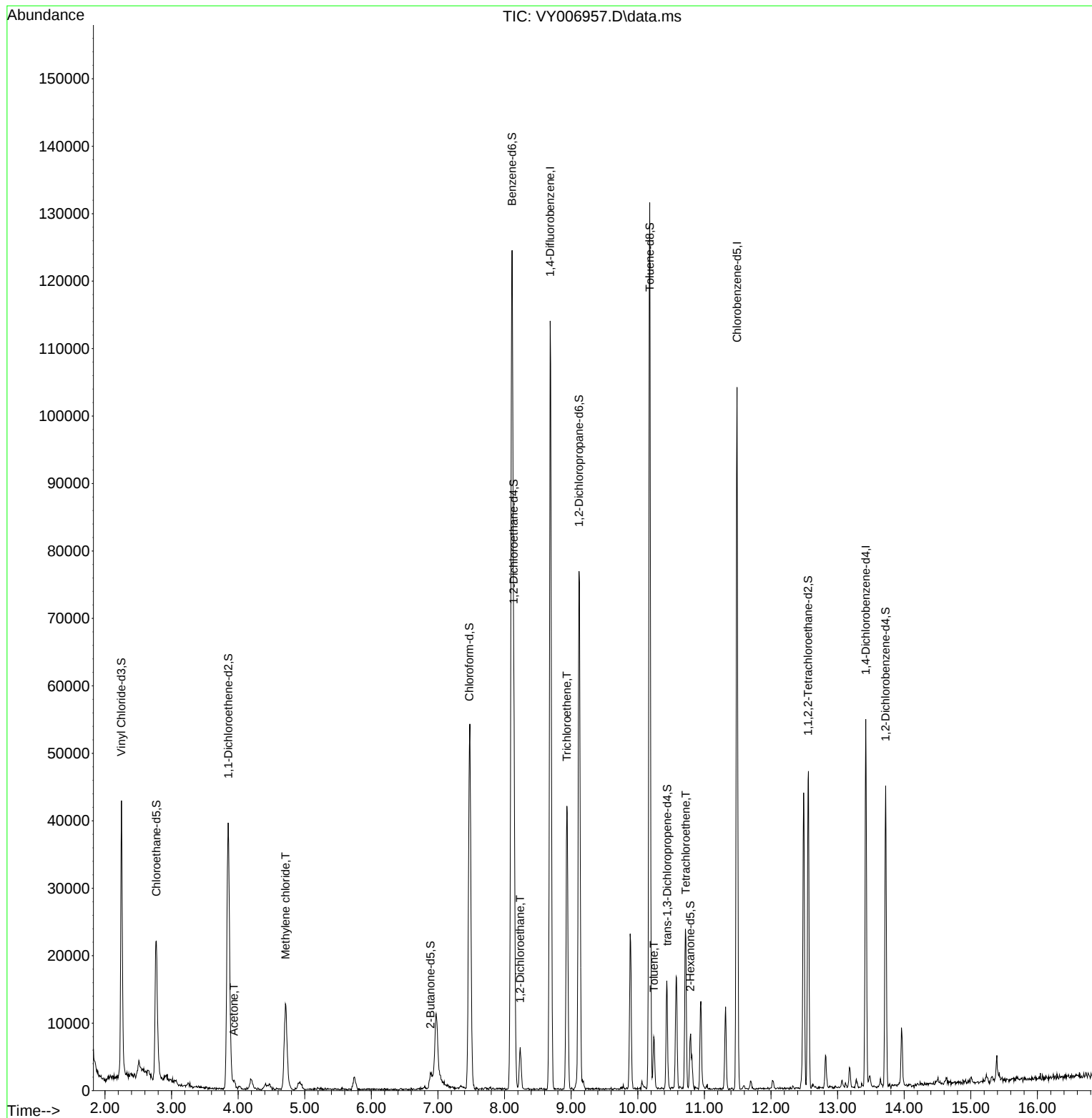
Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	87306	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	48723	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	12291	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	41169	36.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	146.440%
7) Chloroethane-d5	2.772	69	27788	31.503	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.000%
11) 1,1-Dichloroethene-d2	3.851	63	42927	18.364	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.440%
21) 2-Butanone-d5	6.887	46	4300	9.901	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.800%#
24) Chloroform-d	7.472	84	53460	24.571	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.280%
26) 1,2-Dichloroethane-d4	8.137	65	31356	24.009	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.040%
32) Benzene-d6	8.112	84	102307	39.529	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	158.120%#
36) 1,2-Dichloropropane-d6	9.118	67	36303	44.643	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	178.560%#
41) Toluene-d8	10.179	98	81158	33.480	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	133.920%#
43) trans-1,3-Dichloroprop...	10.441	79	7935	20.174	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.680%
47) 2-Hexanone-d5	10.789	63	2425	12.885	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.760%
56) 1,1,2,2-Tetrachloroeth...	12.557	84	22778	33.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.480%#
66) 1,2-Dichlorobenzene-d4	13.721	152	9989	24.922	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.680%
Target Compounds						Qvalue
13) Acetone	3.936	43	1654	4.156	ug/L	78
16) Methylene chloride	4.710	84	8226	5.254	ug/L	88
27) 1,2-Dichloroethane	8.234	62	5455	3.154	ug/L #	94
34) Trichloroethene	8.935	95	14235	17.643	ug/L	87
42) Toluene	10.240	91	5513	1.578	ug/L	92
46) Tetrachloroethene	10.721	164	4913	7.268	ug/L	93

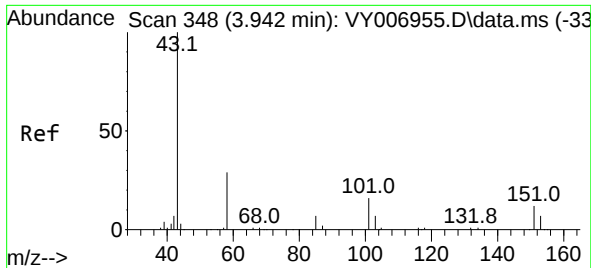
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.156 ug/L

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

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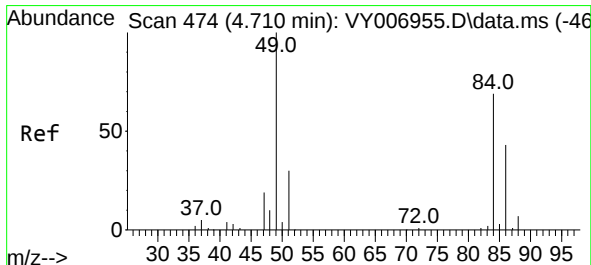
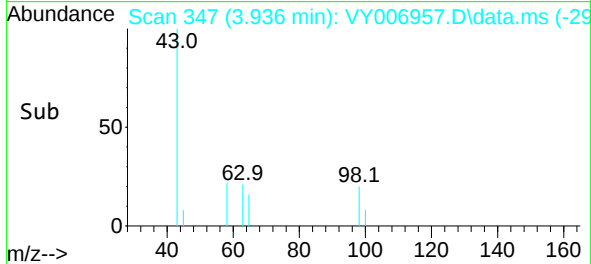
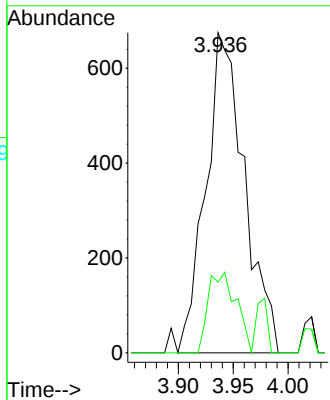
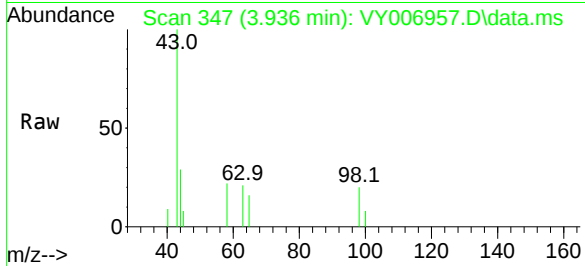
EX898

Tgt Ion: 43 Resp: 1654

Ion Ratio Lower Upper

43 100

58 18.3 0.0 60.8



#16

Methylene chloride

Concen: 5.254 ug/L

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY006957.D

Acq: 06 Dec 2021 13:52

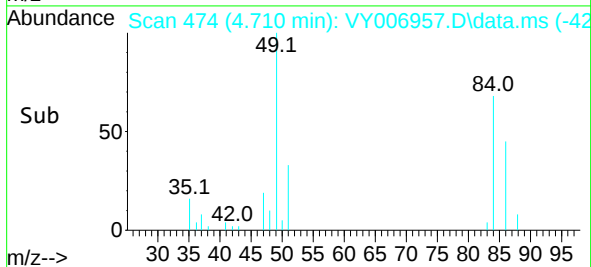
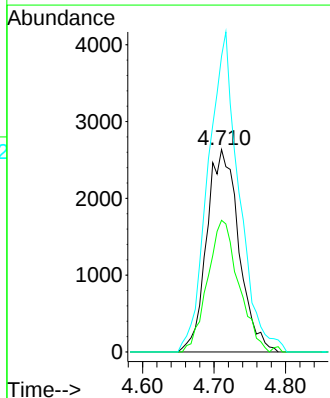
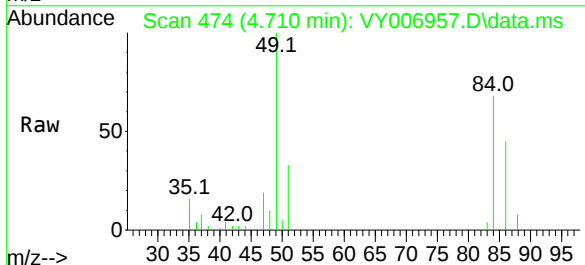
Tgt Ion: 84 Resp: 8226

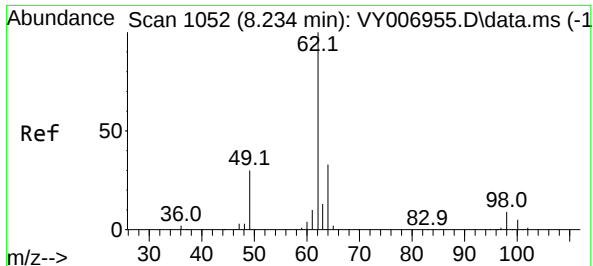
Ion Ratio Lower Upper

84 100

86 65.1 43.4 80.6

49 146.2 89.1 165.5





#27

1,2-Dichloroethane

Concen: 3.154 ug/L

RT: 8.234 min Scan# 1052

Delta R.T. 0.000 min

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Instrument :

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ClientSampleId :

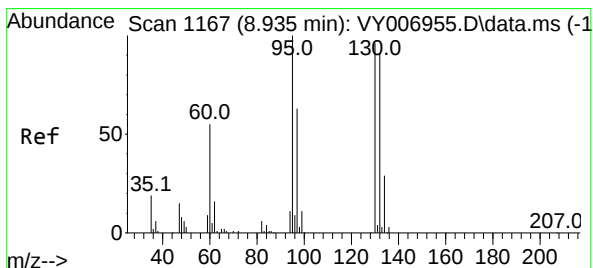
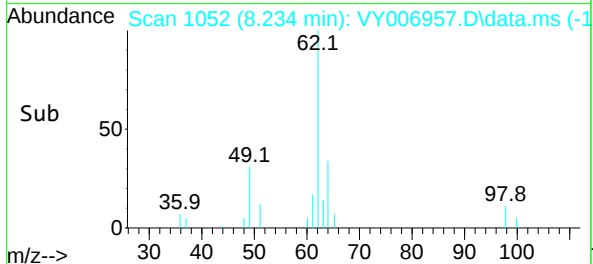
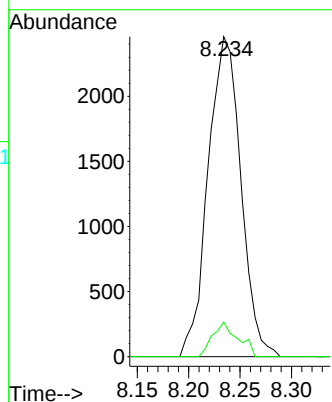
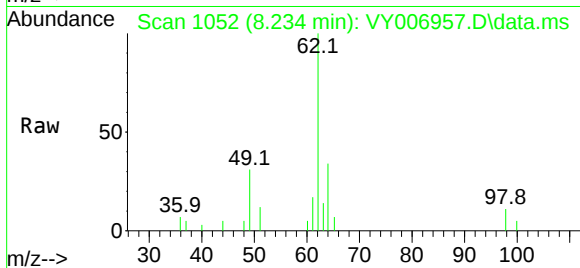
EX898

Tgt Ion: 62 Resp: 5455

Ion Ratio Lower Upper

62 100

98 10.8 6.9 10.3#



#34

Trichloroethene

Concen: 17.643 ug/L

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY006957.D

Acq: 06 Dec 2021 13:52

Tgt Ion: 95 Resp: 14235

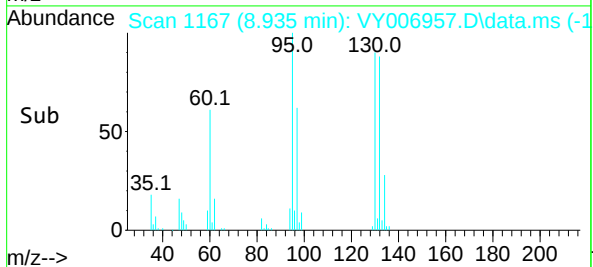
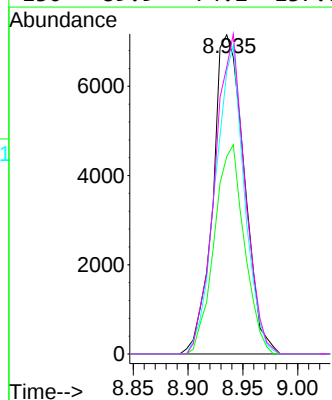
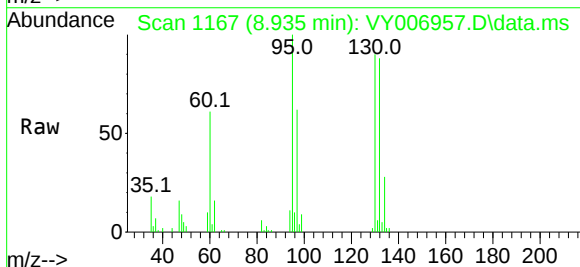
Ion Ratio Lower Upper

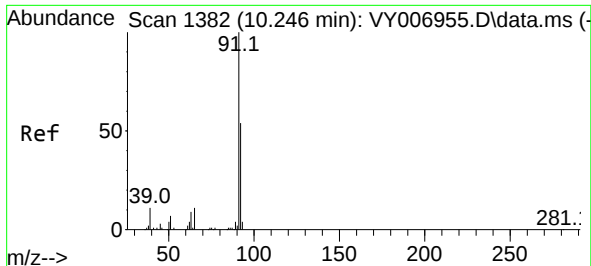
95 100

97 61.9 47.3 87.8

132 88.5 71.3 132.5

130 89.9 74.2 137.8

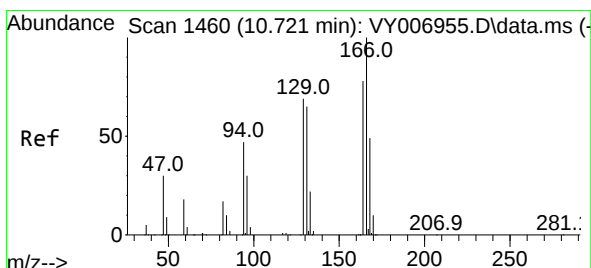
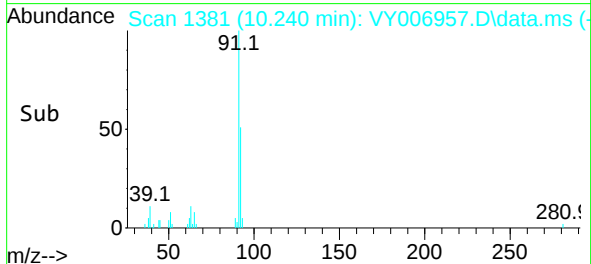
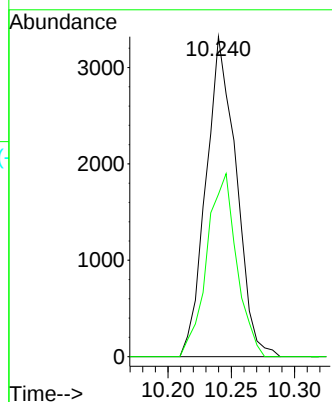
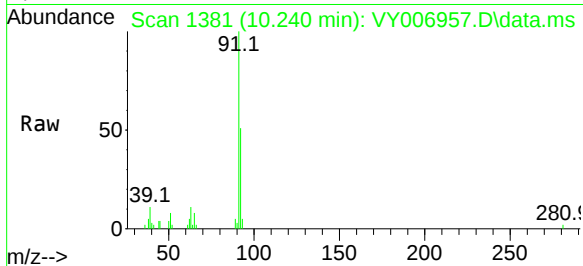




#42
Toluene
Concen: 1.578 ug/L
RT: 10.240 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006957.D
Acq: 06 Dec 2021 13:52

Instrument :
MSVOA_Y
ClientSampleId :
EX898

Tgt Ion: 91 Resp: 5513
Ion Ratio Lower Upper
91 100
92 50.8 39.8 74.0



#46
Tetrachloroethene
Concen: 7.268 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006957.D
Acq: 06 Dec 2021 13:52

Tgt Ion:164 Resp: 4913
Ion Ratio Lower Upper
164 100
129 87.9 62.1 115.3
131 77.3 61.0 113.2
166 118.3 90.4 168.0

